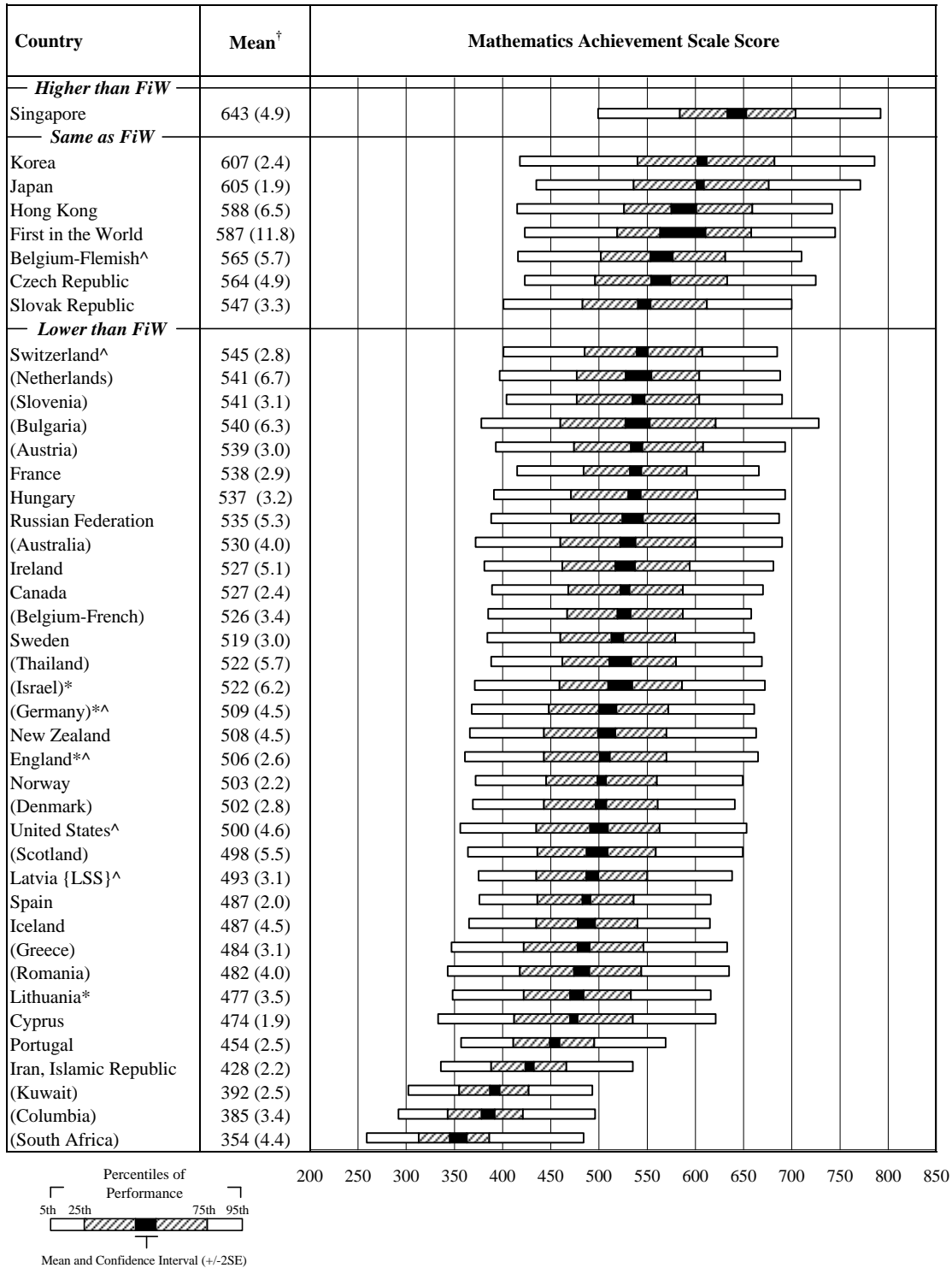


Exhibit B-4: Distributions of Mathematics Achievement in the Eighth Grade



SOURCE: Student Achievement Data, NCREL; tables 1.1, E.1, and E.3 in Beaton, Albert E., *et al.* (1996). *Mathematics Achievement in the Middle School Years: IEA's Third International Mathematics and Science Study*. Chestnut Hill, MA: Center for the Study of Testing, Evaluation, and Educational Policy, Boston College.

* Nations in which more than 10 percent of the population was excluded from testing. Latvia is designated LSS because only Latvian-speaking schools were tested, which represents less than 65 percent of the population.

[^] Nations in which a participation rate of 75 percent of the schools and students combined was achieved only after replacements for refusals were substituted.

[†] Standard errors appear in parentheses. Because results are rounded to the nearest whole number, some totals may appear inconsistent.

NOTE: Nations not meeting international guidelines are shown in parentheses.